



HANDS



SURFACES



SPECIAL AREAS



INSTRUMENTS

GREEN & CLEAN

**Disinfection
Cleaning
Hygiene**





GREEN&CLEAN HD

Nurturing rub-in preparation for the hygienic and surgical disinfection of hands and forearms

- high-quality alcohols prevent the dehydration of the skin
- dermatological expert opinion (Dermaconsult GmbH)
- unperfumed
- sustains the skin's natural pH-value
- euro bottles can be fitted into all customary wall dispensers
- DGHM/VAH and RKI listed

Spectrum of efficacy

limited virucidal (e.g. HBV/HCV/HIV, herpes simplex virus type I, rotavirus, norovirus), bactericide, fungicide (C. albicans), tuberculocide

Expert opinions

Prof. Dr. med. R. Schubert, Frankfurt/Main
 PD Dr. med. F.-A. Pitten
 Prof. Dr. med. H.-P. Werner, Schwerin
 Dr. med. J. Steinmann, Bremen

Action time

- hygienic hand disinfection: rub 3 ml of GREEN&CLEAN HD on hands for 30 seconds (norovirus: 1 minute).
- surgical hand disinfection: rub 10 ml of GREEN&CLEAN HD on hands and forearms for 3 minutes.

Order numbers

- Euro bottle 1000 ml, Order no: 60030161
- Euro bottle 500 ml, Order no: 60030162
- Refill kit 2, 1 x canister 5 l, Order no: 60030063
- Refill kit 3, 6 x 1000 ml euro bottles, Order no: 60030069
- Refill kit 4, 6 x 500 ml euro bottles, Order no: 60030070



GREEN&CLEAN HL

Nurturing hand wash lotion with broad antimicrobial action

- broad antiseptic action
- alkali-free, pH-neutral
- supports the natural acid protection of the skin
- prevents skin irritations
- with care substance allantoin

Expert opinions

Prof. Dr. med. R. Schubert, Frankfurt/Main
 Prof. Dr. med. H.-P. Werner, Schwerin

Order numbers

- Euro bottle 1000 ml, Order no: 60030151
- Intro kit, 5 x 750 ml bottles + dispensing bottle, Order no: 60030051
- Refill kit 1, 6 x 750 ml bottles, Order no: 60030052
- Refill kit 2, 1 x canister 5 l, Order no: 60030053



GREEN&CLEAN HW

Nurturing hand wash lotion with natural skin care substances

- pH-value of 5.6, adapted to the natural acid protection of the skin
- especially suitable for sensitive skin
- moisturizers act against skin dryness even with frequent washing
- natural skin care from sugar beet extract

Order numbers

- Euro bottle 1000 ml, Order no: 60030141
- Intro kit, 5 x 750 ml bottles + dispensing bottle, Order no: 60030041
- Refill kit 1, 6 x 750 ml bottles, Order no: 60030042
- Refill kit 2, 1 x canister 5 l, Order no: 60030043



WALL DISPENSER

- long lever, 1000 ml for HD/HL/HW + 1 x euro bottle HD, Order no: 40200101
- short lever, 500 ml for HD/HL/HW + 1 x euro bottle HD, Order no: 40200104



GREEN&CLEAN HC

Nourishing hand cream with almond oil, rich in vitamin E and B

- with natural almond oil, Vitamin B and E
- suitable for sensitive skin
- nourishes skin and strengthens the nails
- gets absorbed quickly, does not grease

Order numbers

- 6 x 100 ml tubes, Order no.: 60030120
- Start, 1 x 100 ml tube, Order no: 60030122



WATER TAP

- Water tap HD for 5 l canister, Order no: 40200017

INFORMATION

Protective screen, transient germs, nosocomial infection, hand disinfection

Our skin is our outer protective screen. Dry, brittle and cracked skin reduces the body's protective function. To be able to preserve this natural barrier for pathogens, correct care is essential!

Hand hygiene is one of the most important measures for infection prophylaxis!

In everyday work life you constantly get into contact with transient germs. Numerous studies prove that hands are THE transmission path for pathogens. Hand disinfection is crucial for the prevention of nosocomial infections. Comprehensive hand hygiene can reduce the rate of "acquired" infections up to 40%!

Correct hand hygiene helps to prevent skin problems! Hence: disinfecting instead of washing! (Except if hands are contaminated). Ensure that your hand disinfectant does not leave your skin dry, brittle and cracked. Let your hands dry completely before putting on gloves.

Disinfect your hands - but correctly!

Tips for efficient hand disinfection:

- fingernails must be clean, short and not varnished
- do not wear jewellery
- rub an adequate quantity of alcoholic hand disinfectant into your dry hands (keep moist for at least for 30 seconds; for surgical hand disinfection 3-5 minutes)

Hygienic hand disinfection

- before preparation of workplace in the treatment area
- after maintenance of workplace
- before and after putting on and off gloves
- before and after non-surgical treatments

Surgical hand disinfection

- before surgical interventions

Technique of hygienic hand disinfection



1. Palm on palm



2. Palm on palm with spread and interlocked fingers



3. Palm on back of the hand with spread and interlocked fingers



4. Outer side of fingers on palm



5. Thumb in palm



6. Finger tips on palm



GREEN&CLEAN SD

Alcoholic spray disinfectant for disinfecting the surfaces of medical devices (e.g. surfaces of dental units insensitive to alcohol such as floating tables, storage systems)

- short action time
- ready-to-use solution
- long-lasting effect against re-establishment of airborne bacteria and viruses
- formaldehyde-free
- drip-free spray head
- DGHM/VAH and ÖGHMP listed
- CE 0408

Spectrum of efficacy/action time

- limited virucidal (e.g. HBV/HCV/HIV, Herpes-simplex-Virus Type I): 30 seconds
- bactericide, fungicide (C. albicans): 1 minute
- tuberculocide: 5 minutes

Expert opinions

Prof. Dr. med. L. Döhner, Greifswald
 Prof. Dr. med. H.-P. Werner, Schwerin
 Dr. med. J. Steinmann, Bremen
 Prof. Dr. med. G. Frösner, Munich

Modern active agent combination

Alcohols, quaternary ammonium compounds, glyoxal

Order numbers

- Intro kit, 5 x 750 ml pouches + 1 x 750 ml spray bottle, Order no: 60030001
- Refill kit 1, 6 x 750 ml pouches, Order no: 60030002
- Refill kit 2, 1 x 5 l canister, Order no: 60030003
- Refill kit 3, 2 x 750 ml pouches + 1 x 750 ml spray bottle, Order no: 60300001
- Water tap for 5 l canister, Order no: 40200004



GREEN&CLEAN WD

Alcoholic disinfecting wipes from tearproof fleece for disinfecting small surfaces of medical devices (e.g. outer surfaces of straight and contra angle handpieces)

- short action time
- long-lasting effect against re-establishment of airborne bacteria and viruses
- with hygienic safety sealing
- formaldehyde-free
- disinfectant solution DGHM/VAH and ÖGHMP listed
- CE 0408

Spectrum of efficacy/action time

- limited virucidal (e.g. HBV/HCV/HIV, Herpes-simplex-Virus Type I): 30 seconds
- bactericide, fungicide (C. albicans): 1 minute
- tuberculocide : 5 minutes

Expert opinions

Prof. Dr. med. L. Döhner, Greifswald
 Prof. Dr. med. H.-P. Werner, Schwerin
 Dr. med. J. Steinmann, Bremen
 Prof. Dr. med. G. Frösner, Munich

Modern active agent combination

Alcohols, quaternary ammonium compounds, glyoxal

Order numbers

- Start, 1 x box with 120 wipes, Order no: 60030018
- Intro kit, 1 x box with 120 wipes, 3 x refill bag à 120 wipes, Order no: 60030011
- Refill kit, 6 x refill bag à 120 wipes, Order no: 60030012



GREEN&CLEAN MT

Extra-large disinfecting wipes (290 x 270 mm) from tearproof fleece. Alcoholic disinfectant solution for disinfecting large surfaces of medical devices (e.g. surfaces of dental units insensitive to alcohol such as floating tables, storage systems)

- short action time
- ready-to-use solution
- long-lasting effect against re-establishment of airborne bacteria and viruses
- formaldehyde-free
- disinfectant solution DGHM/VAH and ÖGHMP listed
- CE 0408

Spectrum of efficacy/action time

- limited virucidal (e.g. HBV/HCV/HIV, Herpes-simplex-Virus Type I): 30 seconds
- bactericide, fungicide (C. albicans): 1 minute
- tuberculocide : 5 minutes

Expert opinions

Prof. Dr. med. L. Döhner, Greifswald
 Prof. Dr. med. H.-P. Werner, Schwerin
 Dr. med. J. Steinmann, Bremen
 Prof. Dr. med. G. Frösner, Munich

Modern active agent combination

Alcohols, quaternary ammonium compounds, glyoxal

Order numbers

- Start, 1 x dispenser with 70 wipes + 1 x SD 750 ml pouch, Order no: 60030091
- Intro kit 1, 1 x dispenser with 70 wipes + 5 x 70 wipes + 6 x SD 750 ml pouch, Order no: 60030093
- Intro kit 2, 1 x dispenser with 70 wipes + 6 x 70 wipes + 1 x SD 5 l canister, Order no: 60030094
- Refill kit 1, 2 x 70 wipes, Order no: 60030095
- Refill kit 2, 1 x dispenser with 70 wipes + 5 x 70 wipes, Order no: 60030092

Tips for proper dosage



1. Always use cold water!



2. Stick to the prescribed action times!
 Stick to the recommended stability times!



GREEN&CLEAN SK

Alcohol-free disinfectant foam for disinfecting the surfaces of medical devices (e.g. alcohol-sensitive surfaces of dental units such as unit handles, imitation leather / plastic covers)

- alcohol-free
- short action time
- ready-to-use solution
- long-lasting effect against re-establishment of airborne bacteria and viruses
- particularly well suited for use on alcohol sensitive surfaces of medical devices
- aldehyde, phenol and phosphate-free
- disinfectant solution DGHM/VAH listed
- CE 0408

Spectrum of efficacy/action time

- HBV/HIV/HCV: 1 minute
- bactericide, fungicide (C. albicans): 1 minute

Expert opinions

Prof. Dr. med. G. Frösner, Munich
 Prof. Dr. med. E. Marth, Graz
 Prof. Dr. med. R. Schubert, Frankfurt/Main
 Dr. med. J. Steinmann, Bremen

Modern active agent combination

Quaternary ammonium compounds

Order numbers

- Start, 1 x 750 ml spray bottle with foamer,
Order no: 60030110
- Intro kit, 6 x 750 ml spray bottles + 2 x foamers,
Order no: 60030111
- Refill kit, 1 x 5 l canister,
Order no: 60030112



MEASURING BEAKER

- Measuring beaker for RD N,
Order no: 40200016



GREEN&CLEAN MK

Extra-large disinfecting wipes (290 x 270 mm). Alcohol-free disinfectant solution for disinfecting large surfaces of medical devices (e.g. alcohol-sensitive surfaces of dental units such as unit handles, imitation leather / plastic covers)

- alcohol-free
- ready-to-use solution
- long-lasting effect against re-establishment of airborne bacteria and viruses
- particularly well suited for use on alcohol sensitive surfaces of medical devices
- aldehyde, phenol and phosphate-free
- disinfectant solution DGHM/VAH listed
- CE 0408

Spectrum of efficacy/action time

- HBV/HIV/HCV: 1 minute
- bactericide, fungicide (C. albicans): 1 minute

Expert opinions

Prof. Dr. med. G. Frösner, Munich
 Prof. Dr. med. E. Marth, Graz
 Prof. Dr. med. R. Schubert, Frankfurt/Main
 Dr. med. J. Steinmann, Bremen

Modern active agent combination

Quaternary ammonium compounds

Order numbers

- Start, 1 x dispenser with 70 wipes + 1 x SK 750 ml bottle,
Order no: 60030130
- Intro kit 1,
1 x dispenser with 70 wipes + 6 x 70 wipes + 1 x canister 5 l SK,
Order no: 60030131



GREEN&CLEAN RD N

Alcohol-free concentrate for disinfecting surfaces of medical devices (e.g. alcohol-sensitive surfaces of the dental unit)

- alcohol-free
- excellent material tolerance
- suitable for acrylic and plexiglass
- 5 l of concentrate result in 2000 l of working solution - 0.25% dilution
- aldehyde-free
- disinfectant solution DGHM/VAH listed
- CE 0408

Spectrum of efficacy/action time

- limited virucidal (e.g. HBV/HCV/HIV, Herpes-simplex-Virus Type I):
0.5%-dilution: 30 minutes,
1%-dilution: 15 minutes
- bactericide, fungicide (C. albicans):
0.25%-dilution: 4 hours,
0.5%-dilution: 1 hour,
1%-dilution: 30 minutes,
1.5%-dilution: 15 minutes
- tuberculocide:
2%-dilution: 1 hour,
3%-dilution: 30 minutes,
4%-dilution: 15 minutes

Expert opinions

Prof. Dr. med. G. Frösner, Munich
 Prof. Dr. med. H.-P. Werner, Schwerin
 Prof. Dr. med. R. Schubert, Frankfurt/Main
 Dr. med. J. Steinmann, Bremen

Modern active agent combination

Quaternary ammonium compounds, alkylamine

Order numbers

- 4 x 500 ml bottles + measuring beaker,
Order no: 60030023
- 1 x 5 l canister,
Order no: 60030028
- Water tap for 5 l canister,
Order no: 40200004





GREEN&CLEAN M2

Dual, actively defoaming concentrate for the disinfection and deodorising of suction systems and amalgam separators

- dual system (red/green) active against microbiological resistance
- excellent active defoaming
- easy handling through well-designed dispenser
- high environmental compatibility
- high material compatibility
- enzymatic product with excellent protein dissolving power
- ideal for all amalgam separators and air-water separators
- DGHM/VAH listed
- CE 0408

Spectrum of efficacy/action time

- HBV/HIV/HCV: 1%-dilution: 1 hour
- bactericide, fungicide (C. albicans): 1%-dilution: 15 minutes
- tuberculocide: 1%-dilution: 1 hour

Expert opinions

Prof. Dr. med. R. Schubert, Frankfurt/Main
 Dr. med. J. Steinmann, Bremen
 Prof. Dr. med. H.-P. Werner, Schwerin

Modern active agent combination

Alkylamine, quaternary ammonium compounds, enzymes

Order numbers

- Intro kit, 2 x 480 ml + dispenser, Order no: 60010001-BL
- Refill kit 1, 4 x 480 ml pouches, approx. 320 applications, Order no: 60010002
- Refill kit 2, 2 x 480 ml pouches, approx. 160 applications, Order no: 60010003
- GREEN&CLEAN M2 red, 25 x 480 ml pouches, Order no: 60010030
- GREEN&CLEAN M2 green, 25 x 480 ml pouches, Order no: 60010031
- Dispenser for GREEN&CLEAN M2, Order no: 40200001-BL
- Upgrade kit for GREEN&CLEAN M2 dispenser for 3 suction tubes, Order no: 40200002



GREEN&CLEAN H1

Disinfectant for the METASYS automatic Hygiene System H1

- actively defoaming
- optimal cleaning effect through enzymes
- CE 0408

Modern active agent combination

Quaternary ammonium compounds, special tenside, enzymes

Order Number

- Refill kit, 4 x 500 ml pouches, Order no: 60010021



GREEN&CLEAN MB

Practical brush dispenser based on citric acid and enzymes for an optimal cleaning of the cuspidor

- dissolves limescale and colour sedimentation
- excellent protein dissolving power through enzymatic ingredients
- ideal for all amalgam separators
- CE 0408

Modern active agent combination

Quaternary ammonium compounds, tenside, enzymes

Order numbers

- Start, 1 x 180 ml dispensing bottle with brush, Order no: 60020005
- Intro kit, 2 x 500 ml bottles + 2 dispensing bottles + 2 brushes, Order no: 60020001
- Refill kit 1, 4 x 500 ml bottles + 4 brushes, Order no: 60020002
- Refill kit 2, 4 x 500 ml bottles, Order no: 60020004
- Replacement brushes, 4 pcs., Order no: 60020008
- Dispensing bottle with brush, empty, Order no: 60020009



GREEN&CLEAN IK

Ready-to-use, alcoholic disinfectant spray for use in the spray water and coolant lines of straight and contra angle handpieces and turbines

- short action time
- increased application security through pre-fixed adapter
- one bottle suffices for approx. 300 applications, when spraying for approx. 2 seconds each time
- one universal adapter for all couplings of hand and angle pieces and specific adapters for the turbines of the most common manufacturers
- does not replace oil spray recommended by manufacturer!
- disinfectant solution DGHM/VAH and ÖGHMP listed
- factory release (W&H, Sirona)
- CE 0408

Spectrum of efficacy/action time

- limited virucidal (e.g. HBV/HCV/HIV, Herpes-simplex-Virus Type I): 15 seconds
- bactericide, fungicide (C. albicans): 2 minutes
- tuberculocide: 2 minutes

Expert opinions

Prof. Dr. med. M. Rotter, Vienna
 Dr. med. J. Steinmann, Bremen
 Prof. Dr. med. H.-P. Werner, Schwerin

Modern active agent combination

Alcohols, quaternary ammonium compounds

Order numbers

- 2 x 200 ml spray bottle incl. pre-assembled adapters:
- Hand pieces and contra-angles, Order no: 60030182
- Turbine W&H, Order no: 60030183
- Turbine Bien Air, Order no: 60030184
- Turbine KaVo, Order no: 60030185
- Turbine Sirona, Order no: 60030186
- Turbine Castellini, Order no: 60030187
- Turbine NSK, Order no: 60030188
- Turbine Sirona T1 Classic, Order no: 60030189



1. Dispense, 6 ml



2. Dilute with water, 600 ml



3. Suck off, 200 ml each



4. Pour remaining liquid into cuspidor, 200 ml



GREEN&CLEAN AD

Highly effective, ready-to-use solution for the rapid and sustained immersion disinfection of all prosthetics, dentures as well as dental impressions made of silicone, polyether and alginate

- short action time
- form stability certificate (Fresenius Institute)
- can be used for alginates, silicones, polyether rubber and impression trays
- no impairment of surface quality or dimensional stability of the impressions
- excellent cleaning power
- high material compatibility
- formaldehyde and phenol-free
- standing time: 7 days
- DGHM/VAH listed
- CE 0408

Spectrum of efficacy/action time:

- limited virucidal (e.g. HBV/HCV/HIV, Herpes-simplex-Virus Type I): 5 minutes
- bactericide, fungicide (C. albicans): 5 minutes
- tuberculocide: 5 minutes

Expert opinions

Prof. Dr. med. R. Schubert, Frankfurt/Main
 Prof. Dr. med. E. Marth, Graz
 Dr. med. J. Steinmann, Bremen

Modern active agent combination

Quaternary ammonium compounds, alkylamine, tenside

Order number

- 1 x canister 5 l,
 Order no: 60030074



DISINFECTION TRAY

Capacity of 1.25 l, lid and self-draining basket

- Order no: 40200015



GREEN&CLEAN WK

2% ready-to-use solution on hydrogen peroxide basis for the decontamination of process water and the prevention of limescale deposits in the pipe systems of dental units

- broad spectrum of efficacy
- prevention of biofilm
- no formation of resistance is possible
- limescale inhibitor: prevents calcification
- protects hand and angle pieces
- CE 0408

Active agent

Hydrogen peroxide

Order numbers

- Refill kit 1,
 4 x 750 ml bottles,
 Order no: 60040100
- Refill kit 2,
 6 x 1000 ml bottles,
 Order no: 60040101



GREEN&CLEAN BR

4% hydrogen peroxide solution for the removal of biofilm in the water-bearing pipes of the dental unit

- effective biofilm removal in only 30 minutes
- simple application through coloured solution
- recommended for the refurbishment of dental units as well as before the installation of a water decontamination system
- CE 0408

Active agent

Hydrogen peroxide

Order number

- Biofilm cleaning solution,
 2 x 1000 ml bottles,
 Order no: 60040300



GREEN&CLEAN OX3/OX6

3% / 6% ready-to-use solution on hydrogen peroxide basis for the decontamination of process water and the prevention of limescale deposits in the pipe systems of dental units

- broad spectrum of efficacy
- prevention of biofilm
- no formation of resistance is possible
- limescale inhibitor: prevents calcification
- for dental units with water decontamination systems requiring hydrogen peroxide at 3% / 6%
- CE 0408

Active agent OX3 / OX6

Hydrogen peroxide

Order numbers OX3 / OX6

- **OX3:** 6 x 1000 ml bottles,
 Order no: 60040400
- **OX6:** 6 x 1000 ml bottles,
 Order no: 60040401





GREEN&CLEAN ID N

Highly effective concentrate for disinfecting instruments and burs

- extraordinary cleaning effect
- suitable for flexible and rigid instruments, as well as heat-sensitive and -insensitive instruments
- 5 l of concentrate result in 500 l of working solution - 1 % dilution
- prevents corrosion for the protection of your instruments
- suitable for use in the ultrasonic-bath
- aldehyde and phenol-free
- standing time: 7 days
- recommendation of the endoscope manufacturer Karl Storz GmbH & Co. KG, Tuttlingen (Germany)
- release of NTI-Kahla (Rotary Dental Instruments)
- DHGM/VAH listed
- CE 0408

Spectrum of efficacy/action time

- limited virucidal (e.g. HBV/HCV/ HIV, Herpes-simplex-Virus Type I):
1%-dilution: 15 minutes
- bactericide, fungicide (C. albicans):
0.25%-dilution: 30 minutes,
1%-dilution: 5 minutes
- tuberculocide:
1%-dilution: 1 hour,
2%-dilution: 15 minutes,
7.5%-dilution: 5 minutes



GREEN&CLEAN ID N

Expert opinions

Prof. Dr. med. R. Schubert, Frankfurt/Main
Prof. Dr. med. E. Marth, Graz
Dr. med. J. Steinmann, Bremen

Modern active agent combination

Quaternary ammonium compounds, alkylamine, corrosion inhibitors

Order numbers

- 4 x 500 ml bottles + measuring beaker, Order no: 60030033
- 1 x 5 l canister, Order no: 60030034
- Measuring beaker for GREEN&CLEAN ID N, Order no: 40200003
- Water tap for 5 l canister, Order no: 40200004



DISINFECTION TRAY

Capacity of 4 l, lid and self-draining basket

- Order no: 40200008



DISINFECTION TRAY

Capacity of 1.25 l, lid and self-draining basket

- Order no: 40200015



DRILL DISINFECTION TRAY

Capacity of 200 ml, lid and self-draining basket

- Order no: 40200013



- Disinfection
- Compressors
- Suction systems
- Water decontamination
- Amalgam separation
- Recycling

METASYS ... makes the difference!

www.metasys.com - info@metasys.com

METASYS Medizintechnik GmbH
Florianstraße 3, 6063 Rum bei Innsbruck, Austria
Phone: +43 512 205420 - Fax: +43 512 205420 7

GERMANY
METASYS Medizintechnik GmbH
Ahornstraße 19
85614 Kirchseeon
Phone: +49 2236 37 42 42

FRANCE
METASYS France S.a.r.l.
9, bd E. Michelet
69008 Lyon
Phone: +33 4 37 90 22 15

ITALY
DENTAL ECO SERVICE ITALIA S.R.L.
Florianstraße 3
6063 Rum bei Innsbruck
Phone: +39 045 981 4477



 Visit us on Facebook: www.facebook.com/METASYSMedizintechnik